

Listing of Claims

The following listing of claims will replace all prior versions, and listings, of claims in the subject application:

Claims 1-19 (canceled).

20. (previously presented) An X-ray diagnostic apparatus comprising:
an X-ray generating portion configured to irradiate an X-ray to a subject;
a solid state detecting portion formed by plural solid state detecting elements and
configured to detect the X-ray irradiated from the X-ray generating portion and movably provided
independently of the X-ray generating portion; and
a holding mechanism configured to hold the solid state detecting portion such that the
solid state detecting portion is horizontally movable, pivotable on a vertical axis, pivotable on a
horizontal axis which crosses the vertical axis and rotatable about an axis which crosses the
horizontal axis and is parallel to a detecting plane of the solid state detecting portion,
wherein the X-ray generating portion comprises an X-ray generating portion for an over-
table tube capable of imaging in a style of over-table tube.

21. (previously presented) An X-ray diagnostic apparatus comprising:
an X-ray generating portion configured to irradiate an X-ray to a subject;
a radiation receptor for electronic image storage and configured to detect the X-ray
irradiated from the X-ray generating portion and movably provided independently of the X-ray
generating portion; and

a holding mechanism configured to hold the radiation receptor for electronic image storage such that the radiation receptor for electronic image storage is horizontally movable, pivotable on a vertical axis, pivotable on a horizontal axis which crosses the vertical axis and rotatable about an axis which crosses the horizontal axis and is parallel to a detecting plane of the radiation receptor for electronic image storage,

wherein the X-ray generating portion comprises an X-ray generating portion for an over-table tube capable of imaging in a style of over-table tube.

22. (previously presented) An X-ray system comprising:

a patient table and an X-ray beam source movable in an x-direction, a y-direction, and a z-direction, and rotatable about a horizontal axis relative to the patient table;

a radiation receptor for electronic image storage comprising a filmless system in which X-ray images are produced and stored electronically, said radiation receptor having a detecting plane and being configured to detect X-rays from said X-ray beam source and movably provided independently of the X-ray beam source; and

a holding mechanism configured to hold the radiation receptor such that the radiation receptor is horizontally movable, pivotable on a vertical axis, pivotable on a horizontal axis which crosses the vertical axis and rotatable about an axis which crosses the horizontal axis and is parallel to the detecting plane of the radiation receptor,

wherein the X-ray beam source comprises an X-ray beam source for selectively imaging a patient from above the table when the patient is lying down on the table and from below the table when the radiation receptor is below the table.

23. (previously presented) An X-ray diagnostic apparatus comprising:
an X-ray generating portion configured to irradiate an X-ray to a subject;
a solid state detecting portion formed by plural solid state detecting elements and
configured to detect the X-ray irradiated from the X-ray generating portion and movably provided
independently of the X-ray generating portion; and
a holding mechanism configured to hold the solid state detecting portion such that the
solid state detecting portion is horizontally movable, pivotable on a vertical axis, pivotable on a
horizontal axis which crosses the vertical axis and rotatable about an axis which crosses the
horizontal axis and is parallel to a detecting plane of the solid state detecting portion,
wherein the X-ray generating portion comprises at least an X-ray generating portion for an
over-table tube capable of imaging in a style of over-table tube.

24. (previously presented) An X-ray diagnostic apparatus comprising:
an X-ray generating portion configured to irradiate an X-ray to a subject;
a radiation receptor for electronic image storage and configured to detect the X-ray
irradiated from the X-ray generating portion and movably provided independently of the X-ray
generating portion; and
a holding mechanism configured to hold the radiation receptor for electronic image
storage such that the radiation receptor for electronic image storage is horizontally movable,
pivotable on a vertical axis, pivotable on a horizontal axis which crosses the vertical axis and
rotatable about an axis which crosses the horizontal axis and is parallel to a detecting plane of the
radiation receptor for electronic image storage,

wherein the X-ray generating portion comprises at least an X-ray generating portion for an over-table tube capable of imaging in a style of over-table tube.

25. (previously presented) The X-ray diagnostic apparatus of claim 20, further including a patient table, wherein the X-ray generating portion is movable to a position below the level of the patient table for imaging from said position.

26. (previously presented) An X-ray diagnostic apparatus of claim 21, further including a patient table, wherein the X-ray generating portion is movable to a position below the level of the patient table for imaging from said position.

27. (previously presented) An X-ray diagnostic apparatus of claim 23, further including a patient table, wherein the X-ray generating portion is movable to a position below the level of the patient table for imaging from said position.

28. (previously presented) An X-ray diagnostic apparatus of claim 24, further including a patient table, wherein the X-ray generating portion is movable to a position below the level of the patient table for imaging from said position.